Title (en)

DEVICE AND METHOD FOR PROVIDING ELECTRICAL ENERGY TO A CHARGING STATION

Title (de)

VORRICHTUNG SOWIE EIN VERFAHREN ZUM BEREITSTELLEN ELEKTRISCHER ENERGIE AN EINER LADESTATION

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FOURNIR DE L'ÉNERGIE ÉLECTRIQUE AU NIVEAU D'UNE STATION DE CHARGE

Publication

EP 3953208 A1 20220216 (DE)

Application

EP 20701444 A 20200121

Priority

- DE 102019104241 A 20190220
- EP 2020051346 W 20200121

Abstract (en)

[origin: WO2020169290A1] The invention relates to a system for operating a charging station (120) comprising a grid-side charging station connection, a charging station (120), and a control system (122) situated on the charging station (120), characterized in that the control system (122) sets a power flow between the charging station (120) and the charging station connection (121) depending on an external control signal, with the control signal being dependent on a measured value which is acquired by a grid-side supply network connection (150) which is spatially separated from the charging station connection (120).

IPC 8 full level

B60L 53/60 (2019.01); **G06Q 50/06** (2012.01); **H02J 3/00** (2006.01)

CPC (source: EP)

B60L 53/305 (2019.01); **B60L 53/51** (2019.01); **B60L 53/665** (2019.01); **B60L 53/68** (2019.01); **H02J 3/008** (2013.01); H02J 2300/24 (2020.01); Y02E 10/56 (2013.01); Y02T 10/70 (2013.01); Y02T 10/7072 (2013.01); Y02T 90/12 (2013.01); Y02T 90/16 (2013.01); Y02T 90/167 (2013.01); Y04S 30/12 (2013.01); Y04S 30/14 (2013.01); Y04S 50/10 (2013.01)

Citation (search report)

See references of WO 2020169290A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102019104241 A1 20200820; EP 3953208 A1 20220216; WO 2020169290 A1 20200827

DOCDB simple family (application)

DE 102019104241 A 20190220; EP 2020051346 W 20200121; EP 20701444 A 20200121